

ABSTRACT OF THE DISCLOSURE

Settling times of a catalyst in the epoxidation of a cyclic, at least monounsaturated alkene are improved by a method, comprising epoxidizing a cyclic, at least monounsaturated alkene having from 8 to 20 carbon atoms in the ring in a reaction medium containing an oxidant and a catalyst system comprising at least one metal of Groups 4, 5 and 6 of the Periodic Table of the Elements, phosphoric acid and a phase transfer catalyst and a cyclic alkane having from 8 to 20 carbon atoms in the ring, which corresponds to the alkene reactant, as settling accelerator in the epoxidation reaction.